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REDUCTION OF POWER CONSUMPTION IN A MOBILE STATION

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ABSTRACT

A method for reducing the power consumption in a mobile system is disclosed. The mobile system includes a base station broadcasting message such as signaling messages to the mobile stations, and a receiver for receiving and processing messages broadcast from the base station. The signaling message time period is divided in parts and transmitted in a number of TDMA time slots. When possible, the signaling message broadcast from the base station is reconstructed from only a part of the signaling message, and a part of the receiver of the mobile station is switched to a power saving mode during the remainder of said period. If necessary, more of the signaling message can be received to complete the reconstruction of the signaling message.

13 Claims, 6 Drawing Sheets

